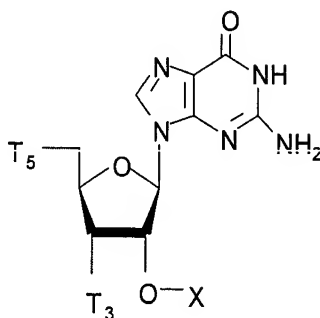


This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-14 (Cancelled).

15 (New). A compound having the structure:



wherein

X is C₁-C₂₀ alkyl, C₄-C₂₀ alkenyl, or C₂-C₂₀ alkynyl; and

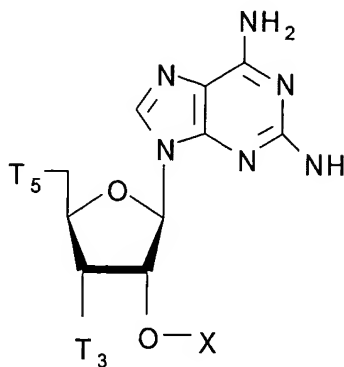
either one of T₃ and T₅ is OH, a hydroxyl blocking group, phosphate or an activated phosphate group and the other of T₃ and T₅ is a nucleotide or both T₃ and T₅ are nucleotides.

16 (New). The compound of claim 15 wherein X is C₃₋₂₀ alkyl.

17 (New). The compound of claim 15 wherein X is C₁₋₆ alkyl.

18 (New). The compound of claim 15 wherein X is methyl.

19 (New). A compound having the structure:



wherein

X is C₁-C₂₀ alkyl, C₂-C₂₀ alkenyl, or C₂-C₂₀ alkynyl; and

either one of T₃ and T₅ is OH, a hydroxyl blocking group, phosphate or an activated phosphate group and the other of T₃ and T₅ is a nucleotide or both T₃ and T₅ are nucleotides.

20 (New). The compound of claim 19 wherein X is C₁₋₆ alkyl.

21 (New). The compound of claim 19 wherein X is methyl.